

## ABSTRACT

A system may include a first diode and a device coupled to the first diode. The device may be adapted to transmit a first current through the first diode, to determine a first voltage across the first diode, the first voltage associated with the first current, to transmit a  
5 second current through the first diode, and to determine a second voltage across the first diode, the second voltage associated with the second current. The device may be further adapted to transmit a third current through the first diode, to determine a third voltage across the first diode, the third voltage associated with the third current, and to determine a  
10 temperature of the first diode based at least in part on the first voltage, the second voltage and the third voltage.